

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/03678

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K7/11

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 948 959 A (NAT STARCH CHEM INVEST) 13 October 1999 (1999-10-13) paragraph '0055!; claims 1,2,14-16,22 ---	1,5-7
X	WO 98 01109 A (VATHJE RAINER ;MUELLER WILFRIED (DE); CARDINALI MARTIN SCOTT (US);) 15 January 1998 (1998-01-15) page 8, last paragraph -page 10, paragraph 1; claim 2; example 37 & US 6 248 338 A 19 June 2001 (2001-06-19) cited in the application ---	1-7
X	EP 0 948 960 A (NAT STARCH CHEM INVEST) 13 October 1999 (1999-10-13) , sentences 0027,0053; claims 1-3,15,19-21,23,26 --- -/--	1,3-7

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

31 July 2003

Date of mailing of the international search report

11/08/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Minas, S

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/03678

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 22073 A (RONCO DONNA L ;JEFFCOAT ROGER (US); PASAPANE JOSEPH (US); HANCHETT) 25 July 1996 (1996-07-25) page 11, last paragraph -page 12, paragraph 1; claims 1,3,19,20; example 26 -----	1-7
A	EP 0 659 394 A (OREAL) 28 June 1995 (1995-06-28) examples 2,3 -----	1-7
A	WO 01 19404 A (TIELEMAN ANNE E ;AVEBE AMERICA INC (US); WOOD ROBERT W (US); BRINE) 22 March 2001 (2001-03-22) page 23, paragraph 1; claims 1,3 -----	1-7
A	EP 0 968 703 A (OREAL) 5 January 2000 (2000-01-05) paragraphs '0010!', '0014!'; claims 6,10; example 1 -----	1-7
A	GB 1 285 547 A (NAT STARCH CHEM CORP) 16 August 1972 (1972-08-16) the whole document -----	1-7

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/03678

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0948959 A	13-10-1999	US 2001018046 A1	30-08-2001
		AU 750250 B2	11-07-2002
		AU 2367799 A	21-10-1999
		BR 9917039 A	27-11-2001
		CN 1236607 A	01-12-1999
		EP 0948959 A2	13-10-1999
		JP 11335248 A	07-12-1999
		NO 991662 A	11-10-1999
		NZ 335116 A	29-09-2000
		SG 74135 A1	18-07-2000
		ZA 9902595 A	09-10-2000
WO 9801109 A	15-01-1998	DE 19627498 A1	15-01-1998
		AU 716510 B2	24-02-2000
		AU 3542197 A	02-02-1998
		BR 9710150 A	11-01-2000
		CA 2259467 A1	15-01-1998
		DE 59706322 D1	21-03-2002
		WO 9801109 A1	15-01-1998
		EP 0912164 A1	06-05-1999
		ES 2171971 T3	16-09-2002
		JP 2000514435 T	31-10-2000
		US 6248338 B1	19-06-2001
EP 0948960 A	13-10-1999	US 6413505 B1	02-07-2002
		AU 750238 B2	11-07-2002
		AU 2367699 A	21-10-1999
		BR 9917173 A	11-12-2001
		CN 1246328 A	08-03-2000
		EP 0948960 A2	13-10-1999
		JP 11322552 A	24-11-1999
		NO 991661 A	11-10-1999
		NZ 335119 A	29-09-2000
		SG 73633 A1	20-06-2000
		ZA 9902594 A	09-10-2000
WO 9622073 A	25-07-1996	AU 4701096 A	07-08-1996
		CA 2210160 A1	25-07-1996
		EP 0804140 A2	05-11-1997
		JP 10506921 T	07-07-1998
		WO 9622073 A2	25-07-1996
		US 5871756 A	16-02-1999
EP 0659394 A	28-06-1995	FR 2713921 A1	23-06-1995
		AT 176864 T	15-03-1999
		BR 9405072 A	17-10-1995
		CA 2137899 A1	23-06-1995
		DE 69416653 D1	01-04-1999
		DE 69416653 T2	17-06-1999
		EP 0659394 A1	28-06-1995
		ES 2131176 T3	16-07-1999
		HU 71388 A2	28-11-1995
		JP 2549994 B2	30-10-1996
		JP 8024036 A	30-01-1996
		PL 306404 A1	26-06-1995
		RU 2091050 C1	27-09-1997
		US 5520200 A	28-05-1996

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/03678

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0119404	A	22-03-2001	AU 7583200 A CA 2350896 A1 EP 1128846 A1 WO 0119404 A1	17-04-2001 22-03-2001 05-09-2001 22-03-2001
EP 0968703	A	05-01-2000	FR 2779648 A1 CN 1244388 A EP 0968703 A1 JP 2000038310 A KR 2000006144 A	17-12-1999 16-02-2000 05-01-2000 08-02-2000 25-01-2000
GB 1285547	A	16-08-1972	CA 943868 A1 DE 2038986 A1 FR 2056956 A1 JP 48020303 B NL 7011183 A	19-03-1974 18-02-1971 07-05-1971 20-06-1973 09-02-1971